**PID resolutions for CESG-P-2020-02-002, review of CCSDS 313.1-Y-2, Draft SANA Registry Management Policy**

**Contents of PDF file CESG-P-2020-02-002 email.pdf**

**SEA / SSG Responses shown as <<response>>**

[EXTERNAL] Fwd: Results of CESG-P-2020-02-002 CESG Approval Poll Thursday, February 20, 2020 at 1:55:32 PM Pacific Standard Time CCSDS Secretariat  
Shames, Peter M (US 312B)

Barkley, Erik J (US 3970), Mario.Merri@esa.int Work Contacts

Peter:

The CESG poll to approve publication of CCSDS  
313.1-Y-2, CCSDS SANA Registry Management Policy  
Yellow Book, Issue 2) concluded with conditions.  
Please negotiate disposition of the conditions  
directly with the AD(s) who voted to approve with  
conditions and CC the Secretariat on all related correspondence.

>CESG E-Poll Identifier: CESG-P-2020-02-002  
>Approval to publish CCSDS 313.1-Y-2, CCSDS SANA  
>Registry Management Policy Yellow Book, Issue 2)  
>Results of CESG poll beginning 4 February 2020 and ending 19 February 2020: >  
> Abstain: 0 (0%) Approve  
> Unconditionally: 3 (60%) (Shames, Burleigh, Wilmot)  
>Approve with Conditions: 2 (40%) (Barkley, Merri)  
>Disapprove with Comment: 0 (0%)  
>CONDITIONS/COMMENTS:  
>  
> Erik Barkley (Approve with Conditions):

1)  
> In general, I believe CMC should state a clear  
> data governance high level policy that is applicable to this yellow book.  
>

**<<Concur that some additional “beefing up” of data governance may be appropriate. See these related changes proposed for the CCSDS 313.0-Y-3, Draft SANA Role, Responsibilities, Policies, and Procedures.**

**Sec 3.3, pg 3-2, From:**

The CMC may ask the Secretariat to change the SANA Operator contract as necessary, but must ensure that the contract preserves the databases and transfers them to the new SANA Operator.

**Sec 3.3, pg 3-2, To:**

The CMC may ask the Secretariat to change the SANA Operator contract as necessary, but must ensure that the contract preserves intact the databases, services, interfaces, and processes, and transfers them to the new SANA Operator to support on-going operations and maintenance of the SANA for CCSDS and the user community.

**>>**  
>2) Page 2-5, 2nd paragraph: I am unable to  
>locate a "serivce catalog", "service access  
>points" or "credential" new registries that  
>exist on SANA. Please provide the official SANA  
>links/URLs or revise the text to indicate what really exists.  
>

**<<Accepted:**

**Sec 2.4.1, Pg 2-5, From:**

The service catalog, service access points, and credentials, are new registries that exist, but are currently being populated, in CCSDS at the time of publication of this version of the document. There is an RF Asset registry that has been developed by the IOAG and is hosted by the SANA. The Service Site and Aperture Registry references these data and contains additional information on sites and services referenced in CCSDS Recommended Standards pertaining to service management and cross support.

**Sec 2.4.1, Pg 2-5, To:**

The Organization registry (https://sanaregistry.org/r/organizations) exists and is populated with all of the registered organizations. These Organizations may have one of more Organization Roles (<https://sanaregistry.org/r/organization-roles>) assigned. The Contacts registry (<https://sanaregistry.org/r/contacts>) and the associated Contact Roles registry (<https://sanaregistry.org/r/contact-roles>) are also populated. These are kept up to date by the CCSDS Secretariat (Organizations and some Contacts) and the SANA Operator (Contacts).

**Sec 2.4.6, Pg 2-6, From:**

These cross support assets may be owned and operated by space agencies, commercial entities, or other organizations such as universities or research labs. The Service Site and Aperture Registry may include services offered by a site and space communication aperture characteristics (frequency bands, apertures sizes, EIRP and G/T) as well. Changes to the Service Site and Aperture Registry requires approval from an AR who has been delegated responsibility for an organization’s entries in the registry or from the appropriate HoD or PoC.

**Sec 2.4.1, Pg 2-5, To:**

These cross support assets may be owned and operated by space agencies, commercial entities, or other organizations such as universities or research labs. The Service Site and Aperture Registry (https://sanaregistry.org/r/service\_sites\_apertures) is designed to include services offered by a site and space communication aperture characteristics (frequency bands, apertures sizes, EIRP and G/T) as well. Changes to the Service Site and Aperture Registry requires approval from an AR who has been delegated responsibility for an organization’s entries in the registry or from the appropriate HoD or PoC.

The Service Site and Aperture Registry contains data that is considered sensitive by some agencies and it requires a CCSDS Collaborative Work Environment (CWE) credential in order to be able to log in. This SS&A registry consists of several subsidiary registries, such as Apertures (<https://sanaregistry.org/r/apertures>) and Site Services (<https://sanaregistry.org/r/site_services_info>). At the time of publication these are still in the process of being fully populated by the agencies that are responsible for these sites.

**>>**

> Mario Merri (Approve with Conditions):

1)  
> Page 1-2 If the document contains "Normative  
> Text" shouldn't it be a blue book instead of a Yellow book?  
>

**<<Rejected.**

**According to the CCSDS Org & Proc, CCSDS A02.1-Y-4, Sec 6.6.1, Administrative Track, pg 6-7, paragraph 2:**

Yellow Books may also be used to document CCSDS internal processes, procedures, and controlling guidelines. This document is itself a CCSDS Yellow Book, and it is a controlling document describing CCSDS procedures. Any CCSDS Yellow Book that is normative upon CCSDS itself requires CESG and CMC approval polling.

**This Yellow Book, and the others in this series, are all such documents. Poll CESG-P-2020-02-002 was the CESG poll for Approval, in accordance with this procedure.>>**

>2) It seems to me that there are several  
>overlaps between this document and CCSDS  
>313.0-Y-3, Space Assigned Numbers Authority  
>(SANA)—Role, Responsibilities, Policies, and  
>Procedures Yellow Book, for instance on pag 4-1  
>the SSG membership is spelled out which is also  
>defined in 313.0-Y-3. On top of making this  
>document massive (70 pages), duplicated  
>requirements will make maintenance a nightmare.  
>Please identify all duplicated requirements and  
>assign them only to a single book.

**<<Rejected. These different documents have different purposes and different intended audiences. That said, all four of these documents were developed at different points in time as our understanding of what the SANA was, how is was being used, and what we needed to do to govern it evolved. Part of the rationale for these revisions that are now being reviewed was to clarify these differences, and, in particular, to create one smaller document, CCSDS 313.2-Y-2, that is designed to be the primary document for use by CCSDS WG. This is the Procedures For SANA Registry Specification. That document is only twenty-four pages in length and its Purpose and Scope is stated as:**

This document defines procedures for CCSDS Working Group (WG) interactions with the CCSDS Space Assigned Numbers Authority (SANA) for the purpose of creating and modifying SANA registries.

**This RMP document has a different purpose (Sec 1.1, pg 1-1).**

The purpose of this document is to provide an overview of the key SANA and other CCSDS registries and their relationships, and to define a consistent set of policies, rules, and procedures that can be applied to the creation, control, and management of the CCSDS-wide enterprise registries, and the global and local registries managed in the SANA (reference [21]).

**>>**

>  
>3) Page 4-2: The XML Expert Group has nothing to >do with registry and it is not clear why it is  
>here. In addition the membership makes reference >to WGs: as we know, in CCSDS WGs are volatile >and can be created and dismentaleld.  
>

**<<Rejected. The XML Expert Group, as documented in Sec 4.2.3, on pg 4-2, is just an instance of a Special Interest Group (SIG), as defined in the CCSDS Org & Proc, CCSDS A02.1-Y-4 in Sec 2 and 2.3.5, on pg 2-1 (and 2-19):**

**Sec 2-1**

**Special Interest Groups** (SIGs) provide an ad-hoc forum for the discussion and coordination of topics that affect multiple Working Groups and BOFs.

**Sec 2.3.5**

Special Interest Groups (SIGs) provide an ad-hoc forum for the discussion and coordination of topics that affect multiple WGs and/or Areas. SIGs are convened by ADs and composed of representatives from existing WGs. Final products of SIGs consist of a report or guidelines that provide guidance for the WGs.

**The language in the CCSDS Org & Proc defining SIGs says that they are intended to live for only 24 months, but that the CMC may resolve to continue it. Given that the RMP defines this as a persistent SIG, and the CESG and CMC have approved it, I believe that that approval to persist is covered by the language in Sec 4.2.3 of the RMP.>>**

* >  Jonathan Wilmot (Approve
* >  Unconditionally): Agree with other comment
* >  about duplication of material between CCSDS
* >  313.0-Y-3, Space Assigned Numbers Authority
* >  (SANA)—Role, Responsibilities, Policies, and
* >  Procedure. Could one just reference the other as needed. >  
  >

**<<Rejected. The design of these docs has already been revised to address these distinctions. Agreed that there is some duplication of material, but that was a conscious choice to provide, in one document, all of the major information and guidance that a WG would need in order to carry out its work to define, document, and test the registries it decides to create. That document is CSDS 313.2-Y-2, the Procedures For SANA Registry Specification. That document is designed to be the primary document for use by CCSDS WG and it is only twenty-four pages in length.>>**

* >Total Respondents: 5  
  >  
  >No response was received from the following Area(s):  
  >

> SLS  
>  
>  
>  
>SECRETARIAT INTERPRETAtiON OF RESULTS: Approved with Conditions >PROPOSED SECRETARIAT ACtiON: Generate new CESG poll after conditions have been addressed